

WHAT IS CLAIMED IS:

1. A liquid crystal projector comprising:

detection means for detecting whether a cooling fan is stopped or is being rotated;

first control means for gradually raising a voltage to be applied to the cooling fan when the cooling fan is started; and

second control means for setting the voltage to be applied to the cooling fan to a predetermined normal operating voltage when the detection means detects that the cooling fan is rotated in the process of gradually raising the voltage to be applied to the cooling fan by the first control means.

2. A liquid crystal projector comprising:

a detection circuit for detecting whether a cooling fan is stopped or is being rotated;

a first control circuit for gradually raising a voltage to be applied to the cooling fan when the cooling fan is started; and

a second control circuit for setting the voltage to be applied to the cooling fan to a predetermined normal operating voltage when the detection circuit detects that the cooling fan is rotated in the process of gradually raising the voltage to be applied to the cooling fan by the first control circuit.